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(71) Applicant (for all designated States except US): **ANGIO-GENE INC.** [CA/CA]; 1851 Sherbrooke Street Est, Suite 704, Montréal, Québec H2K 4L5 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GUY, Louis-Georges** [CA/CA]; 9830, Waverly, Montréal, Québec H3L 2V8 (CA). **FORTIN, Anouk** [CA/CA]; 138, Glen Park Drive, Gloucester, Ontario K1B 4Y4 (CA).

(74) Agent: **ROBIC**; Centre CDP Capital, 1001, Victoria Square - Bloc E- 8th Floor, Montreal, Québec H2Z 2B7 (CA).

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(54) Title: EPAS1 GENE TRANSFER TO IMPROVE CELL THERAPY

(57) Abstract: The present invention concerns the use of nucleotide sequences encoding EPAS1, HIF-1 α and HIF-3 α transcription factors and functional analogs for treating coronary and cardiac diseases in mammals. The use of such transcription factors and its analogs is useful in the treatment of disorders that may be treated by cell therapy such as peripheral vascular disease (PVD), neurodegenerative disease including Parkinson's syndrome, muscular dystrophies, stroke, diabetes, hemophilia, wound and others.